

**Notice of Allowability**

Application No.

10/826,362

Examiner

Abbas I. Abdulsalam

Applicant(s)

MURADE, MASAO

Art Unit

2629

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 6/26/2007.
2. ☒ The allowed claim(s) is/are 1-3, 5-8, and 10-21.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some\* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date 4-13-07
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.

7. ☒ Examiner's Amendment/Comment

8. ☐ Examiner's Statement of Reasons for Allowance

9. ☐ Other \_\_\_\_\_.

  
RICHARD HJERPE

SUPERVISORY PATENT EXAMINER

TECHNICAL CENTER 2600

## **DETAILED ACTION**

### **Examiner's Amendment**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Edward Chain on August 13, 2007.

Applicant has cancelled claim 9 and has amended claims 11 and 12 as follows.

9. (canceled)

11. (Amended) An electro-optic device, comprising: a substrate; data lines extending in one direction above the substrate; scanning lines extending in a direction orthogonal to the data lines above the substrate; switching elements to which scanning signals are supplied from the scanning lines, the switching elements being disposed above the substrate; pixel electrodes to which image signals are supplied from the data lines through the switching elements, the pixel electrodes being disposed above the substrate, the substrate having an image display area including the pixel electrodes and the switching elements, and a peripheral area at a periphery of an image display area; storage capacitors that hold an electrical potential at the pixel electrodes for a predetermined time, the storage capacitors being disposed above the image display area; first wiring that supplies capacitor electrodes of the storage capacitors with a predetermined electrical potential, the first wiring being disposed above the image display area;

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a frame formed as the same film as the first wiring, the frame being disposed at at least a part of a frame area between the image display area and the peripheral area; a counter substrate opposing the substrate; a counter electrode disposed above the counter substrate; the frame including a connecting portion electrically coupled with the counter electrode; the image display area having a generally rectangular shape in plan view, the frame having a [third] first pattern along two opposing sides of the rectangle and a [fourth] second pattern along a remaining two sides of the rectangle and separate from the [third] first pattern, the connecting portion being disposed on the [third] first pattern.

12. (Amended) An electro-optic device, comprising: a substrate; data lines extending in one direction above the substrate; scanning lines extending in a direction orthogonal to the data lines above the substrate; which scanning switching elements to signals are supplied from the scanning lines, the switching elements being disposed above the substrate; pixel electrodes to which image signals are supplied from the data lines through the switching elements, the pixel electrodes being disposed above the substrate, the substrate having an image display area including the pixel electrodes and the switching elements, and a peripheral area at a periphery of an image display area; storage capacitors that hold an electrical potential at the pixel electrodes for a predetermined time, the storage capacitors being disposed above the image display area; first wiring that supplies capacitor electrodes of the storage capacitors with a predetermined electrical potential, the first wiring being disposed above the image display area; and a frame formed as the same film as the first wiring, the frame being disposed at at least a part of a frame area between the image display area and the peripheral area; a counter substrate

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opposing the substrate; a counter electrode disposed above the counter substrate; the frame including a connecting portion electrically coupled with the counter electrode; the image display area having a generally rectangular shape in plan view, the frame having a [fifth] first pattern continuously formed around the rectangle except for a corner of the rectangle and a [sixth] second pattern disposed at the corner and separate from the [fifth] first pattern, and the connecting portion being disposed on at least one of the [fifth] first pattern and the [sixth] second pattern.

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Abbas I. Abdulsalam whose telephone number is 571-272-7685. The examiner can normally be reached on Monday through Friday from 9:00 A.M. to 5:30 P.M.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard Hjerpe, can be reached on 571-272-7691. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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Abbas I Abdulsalam

Examiner

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August 13, 2007

A handwritten signature in black ink, appearing to read 'R. Hjerpe', is positioned above the printed name.

**RICHARD HJERPE**  
**SUPERVISORY PATENT EXAMINER**  
**TECHNOLOGY CENTER 2600**